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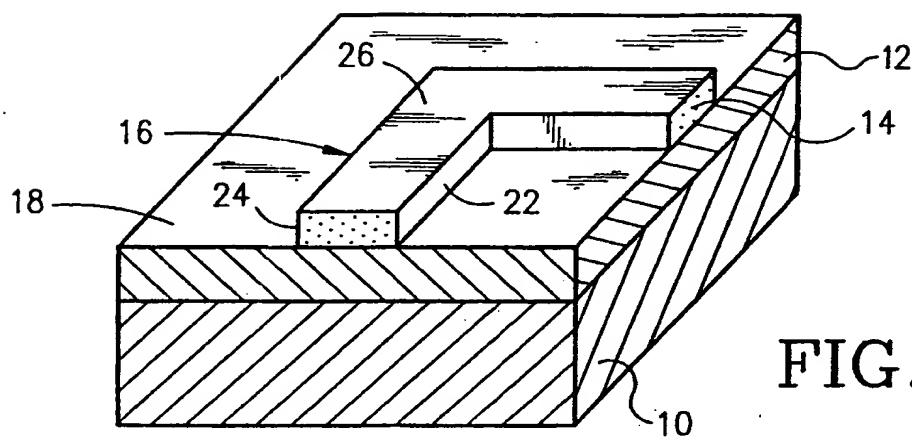


FIG. 1

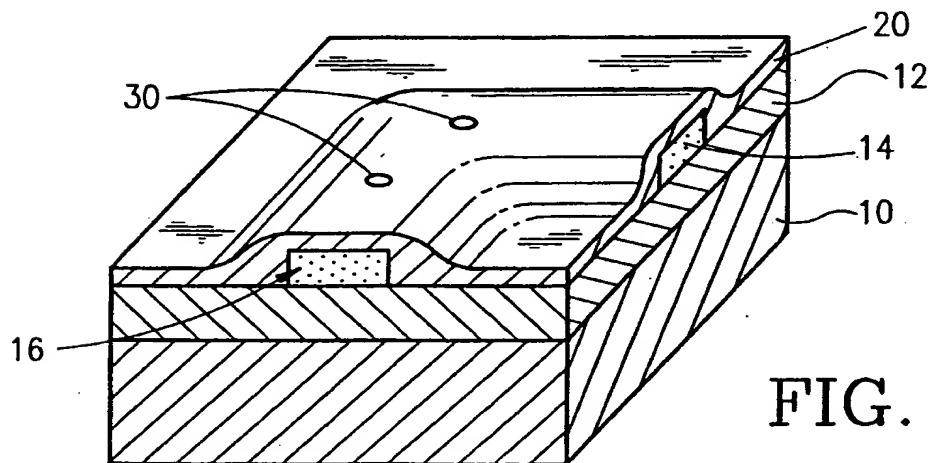


FIG. 2

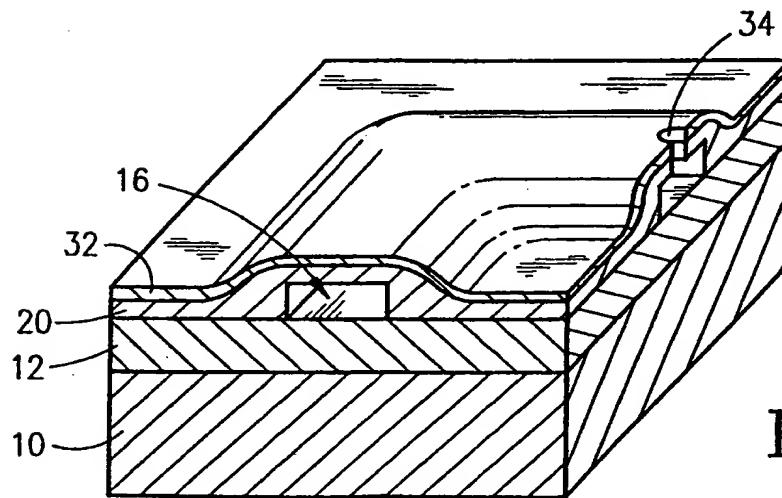


FIG. 3

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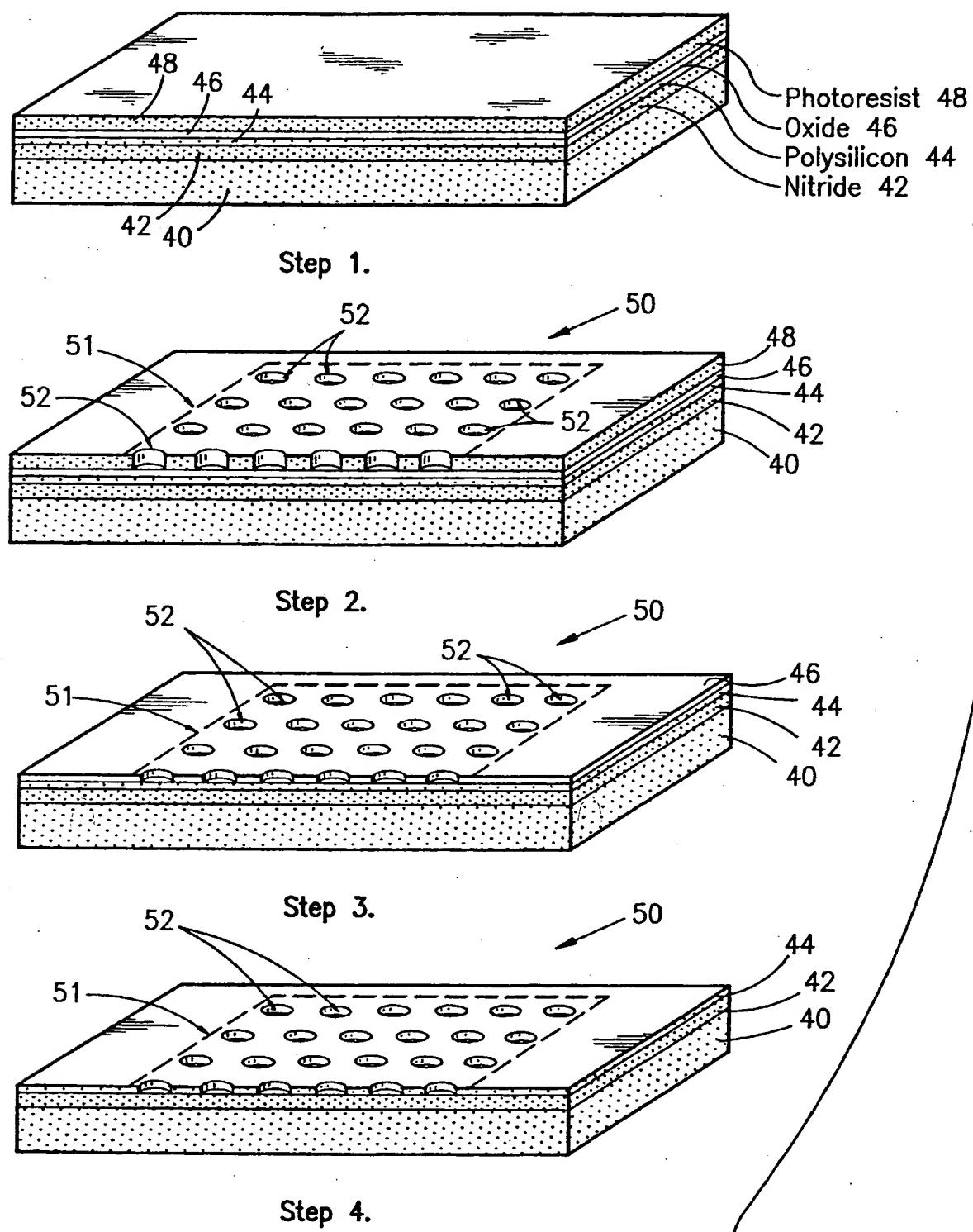


FIG. 4(a)

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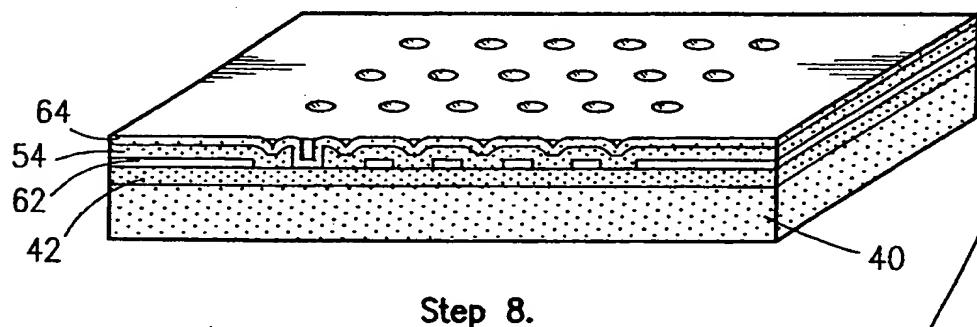
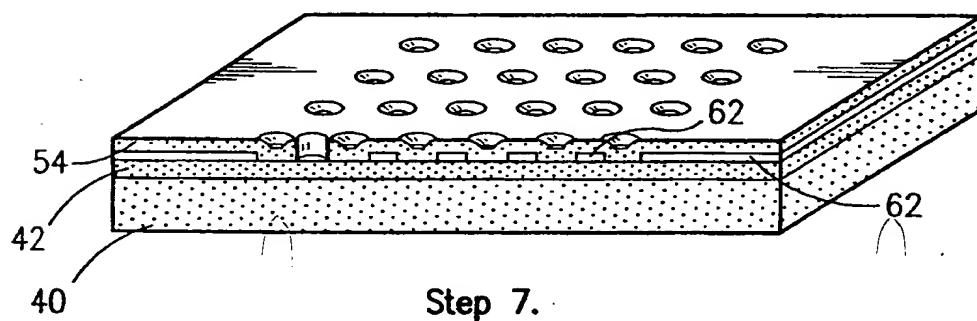
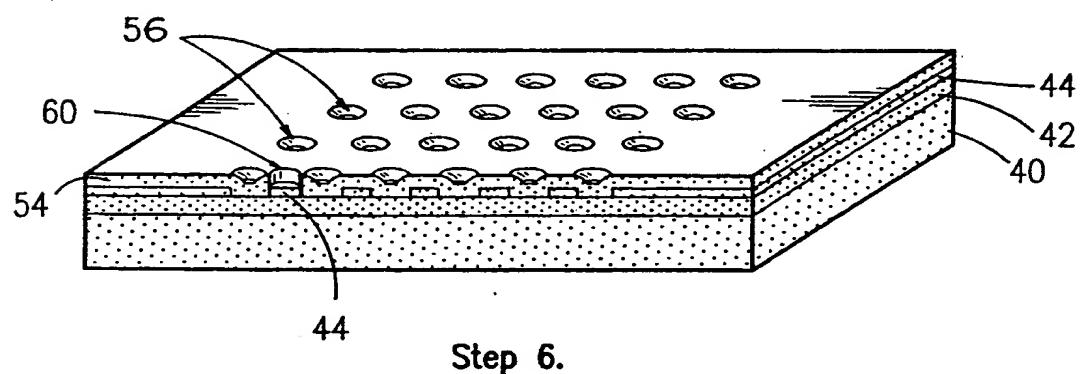
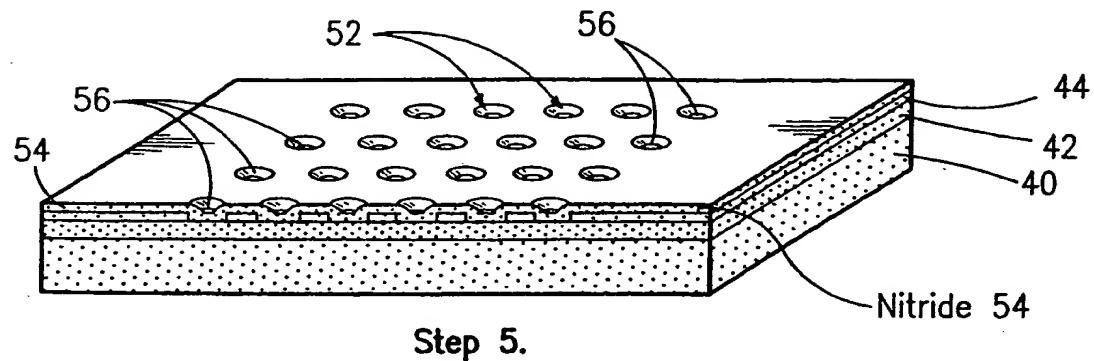


FIG.4(b)

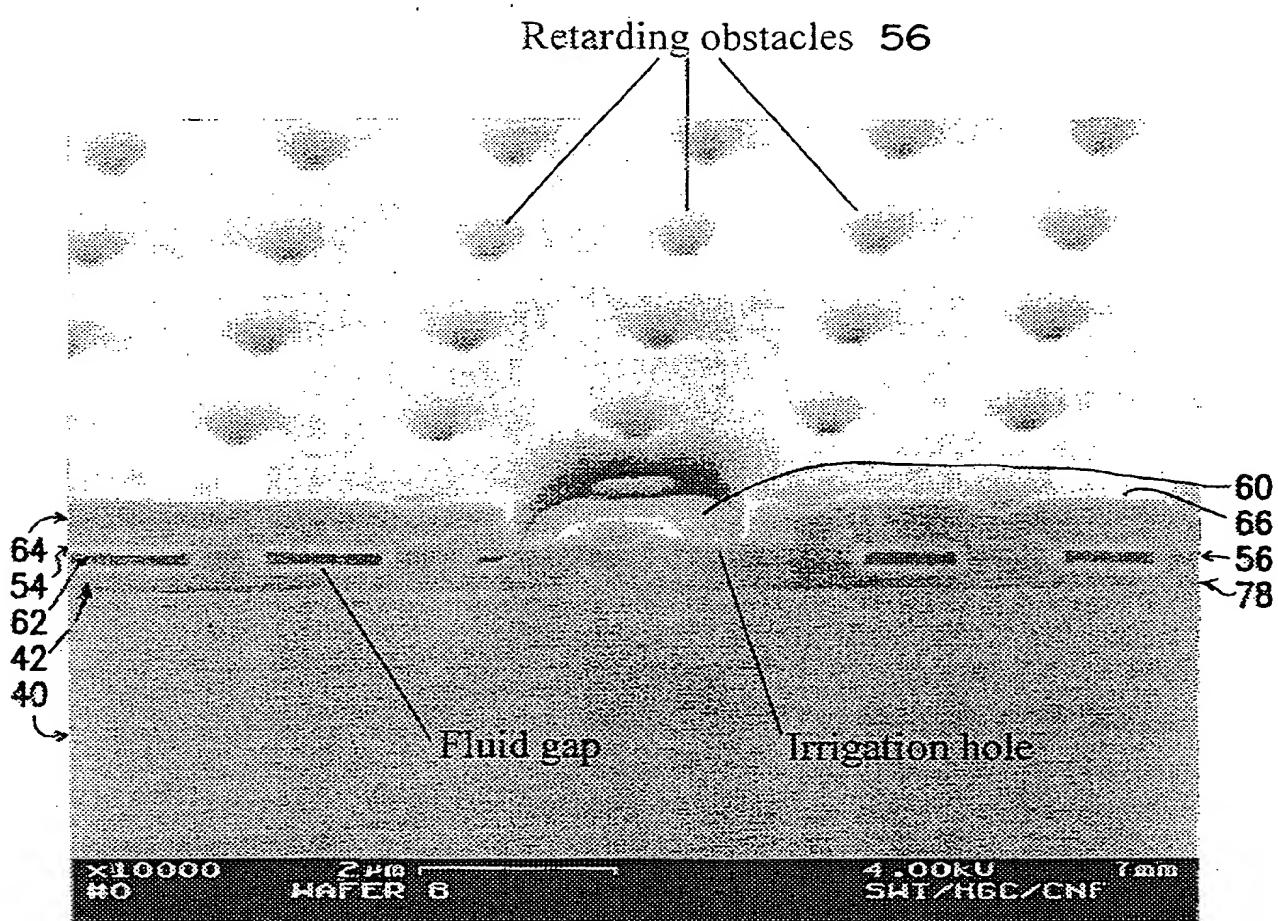


FIG. 5A

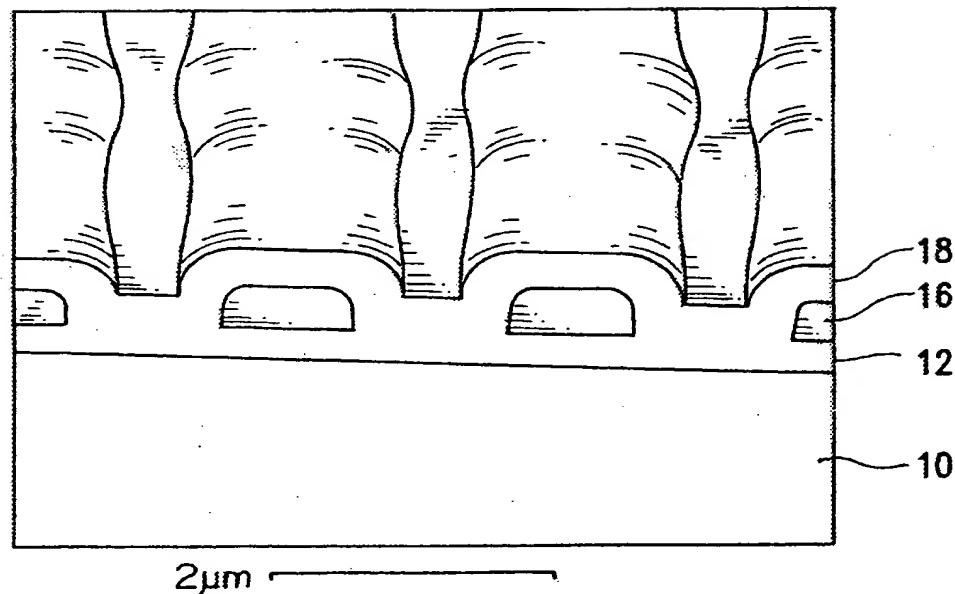


FIG. 5B

FIG. 6(a)

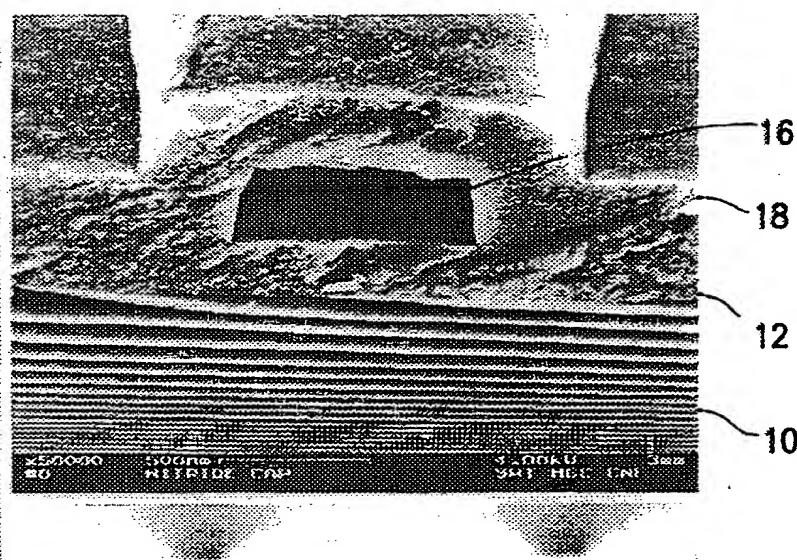


FIG. 6(b)

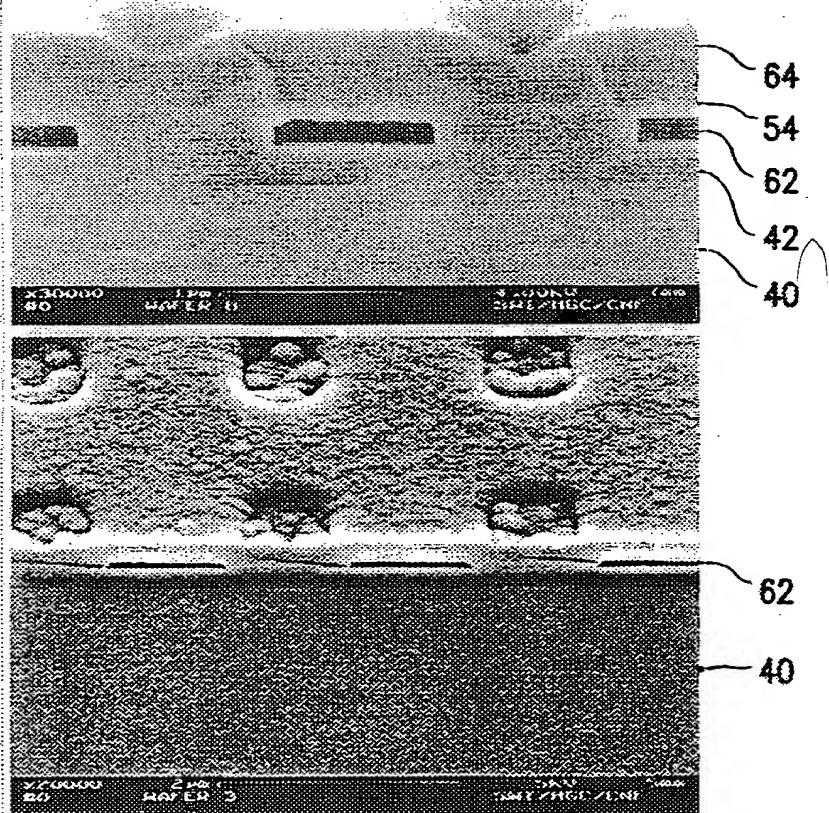


FIG. 6(c)

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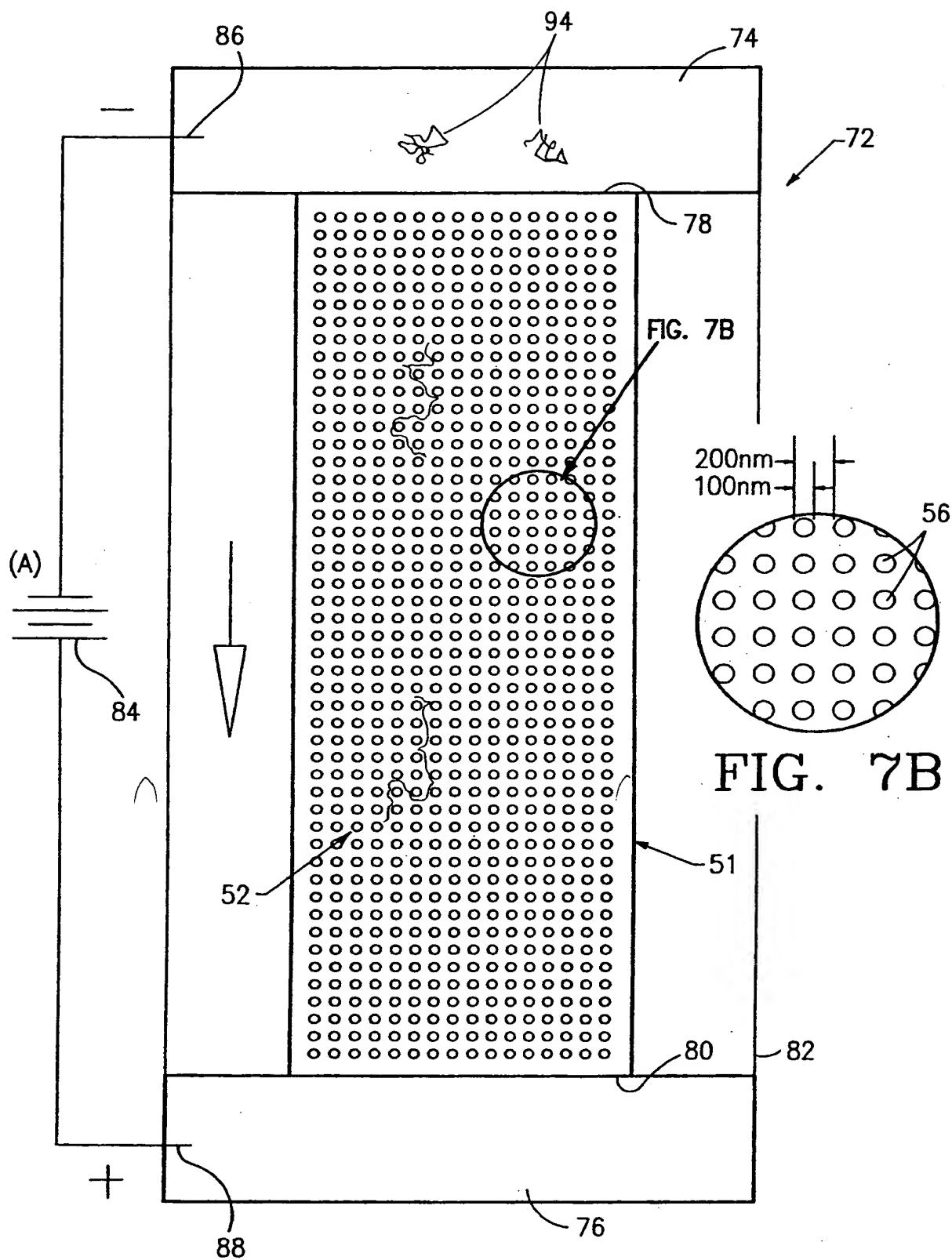


FIG. 7A

FIG. 8A

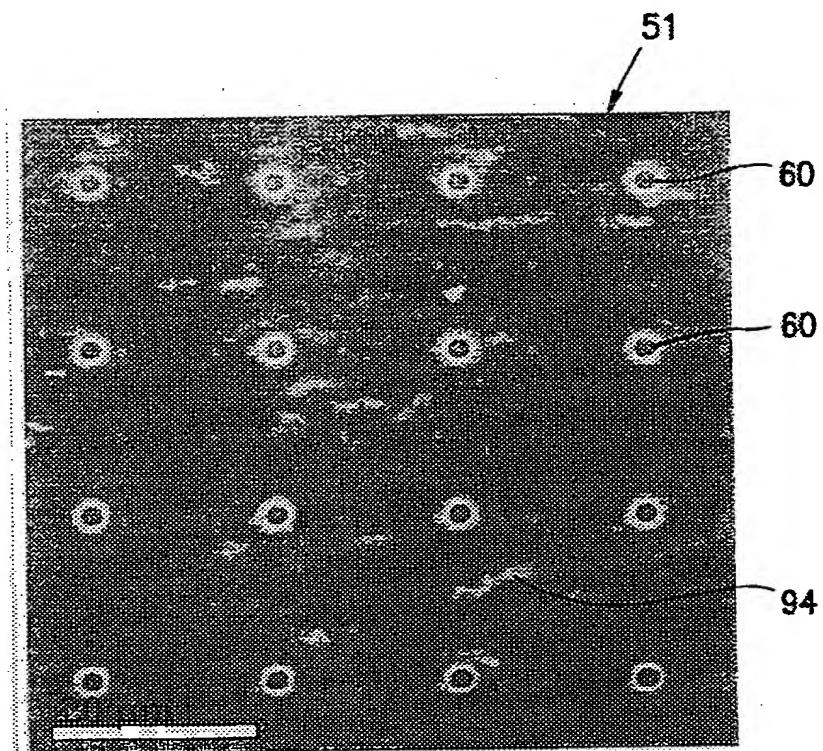
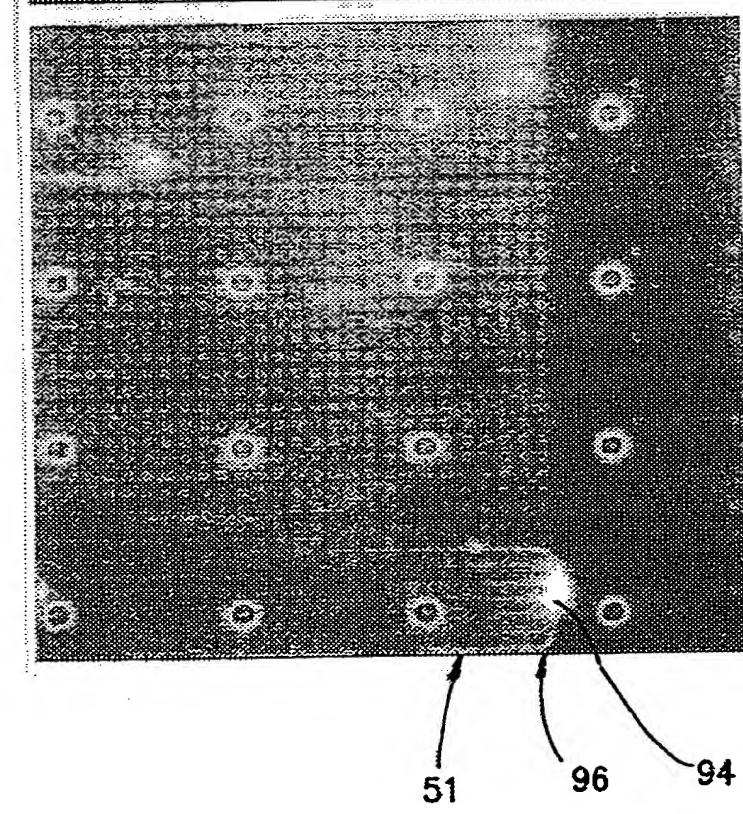
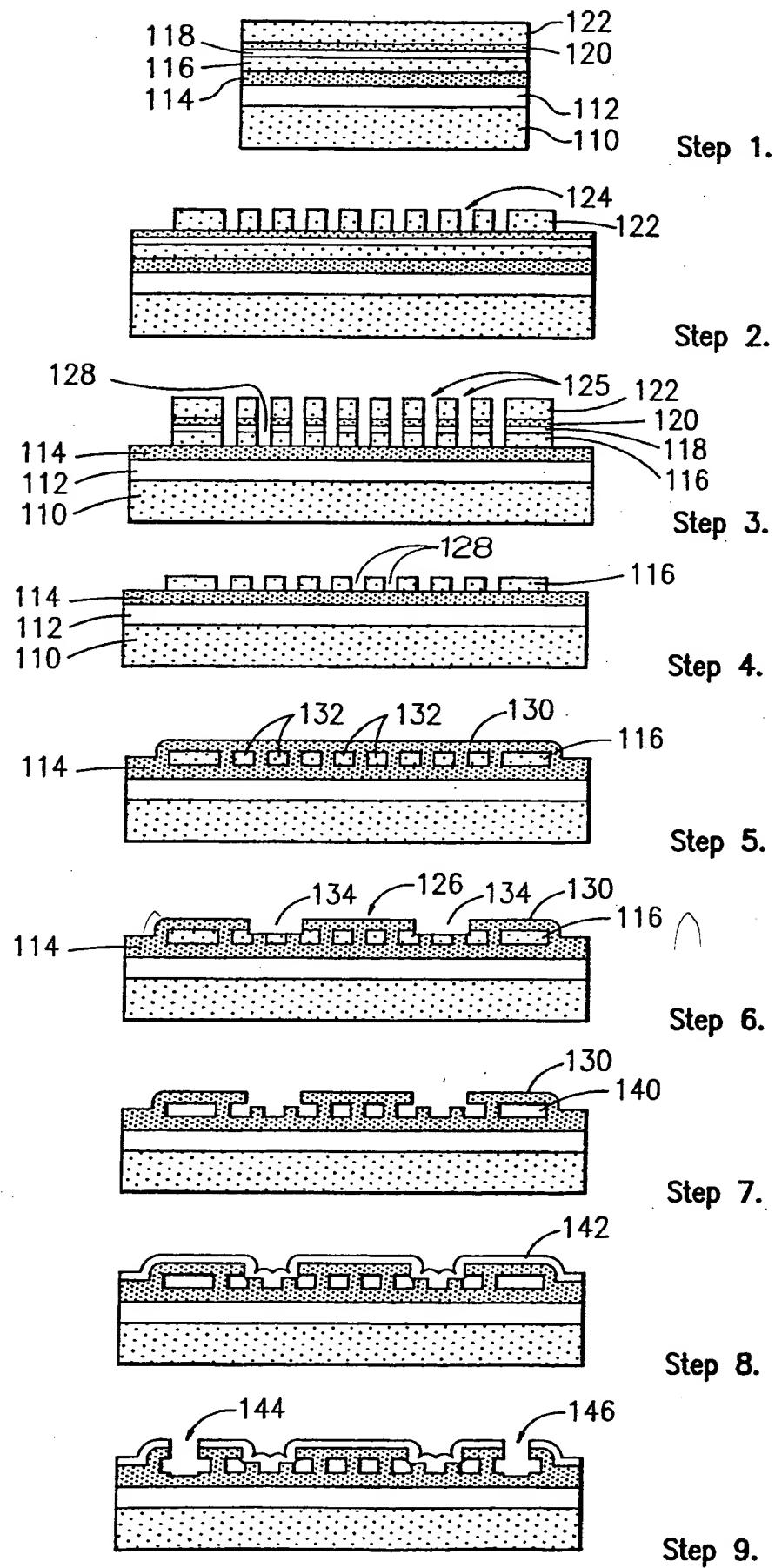


FIG. 8B



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FIG. 9



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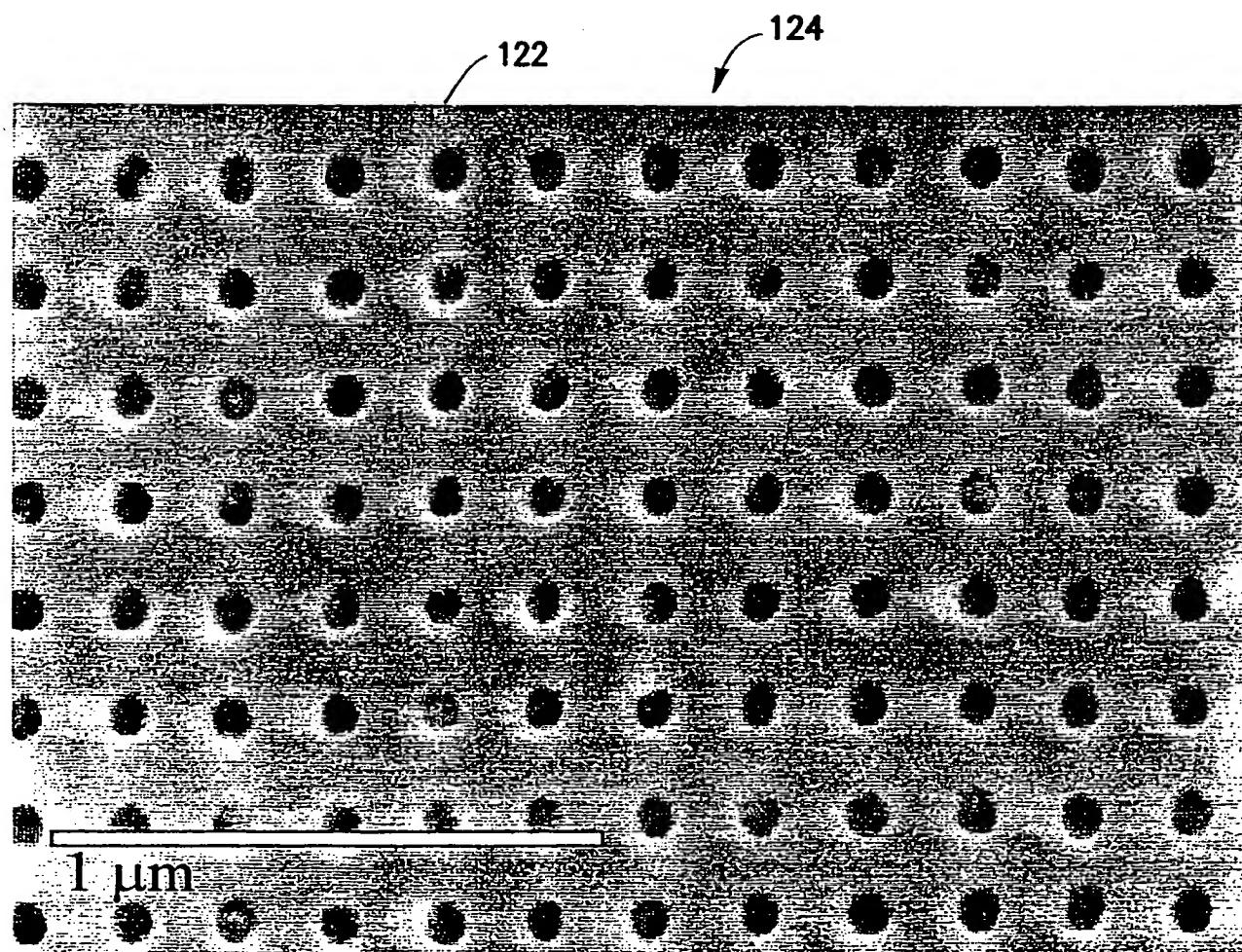


FIG. 10

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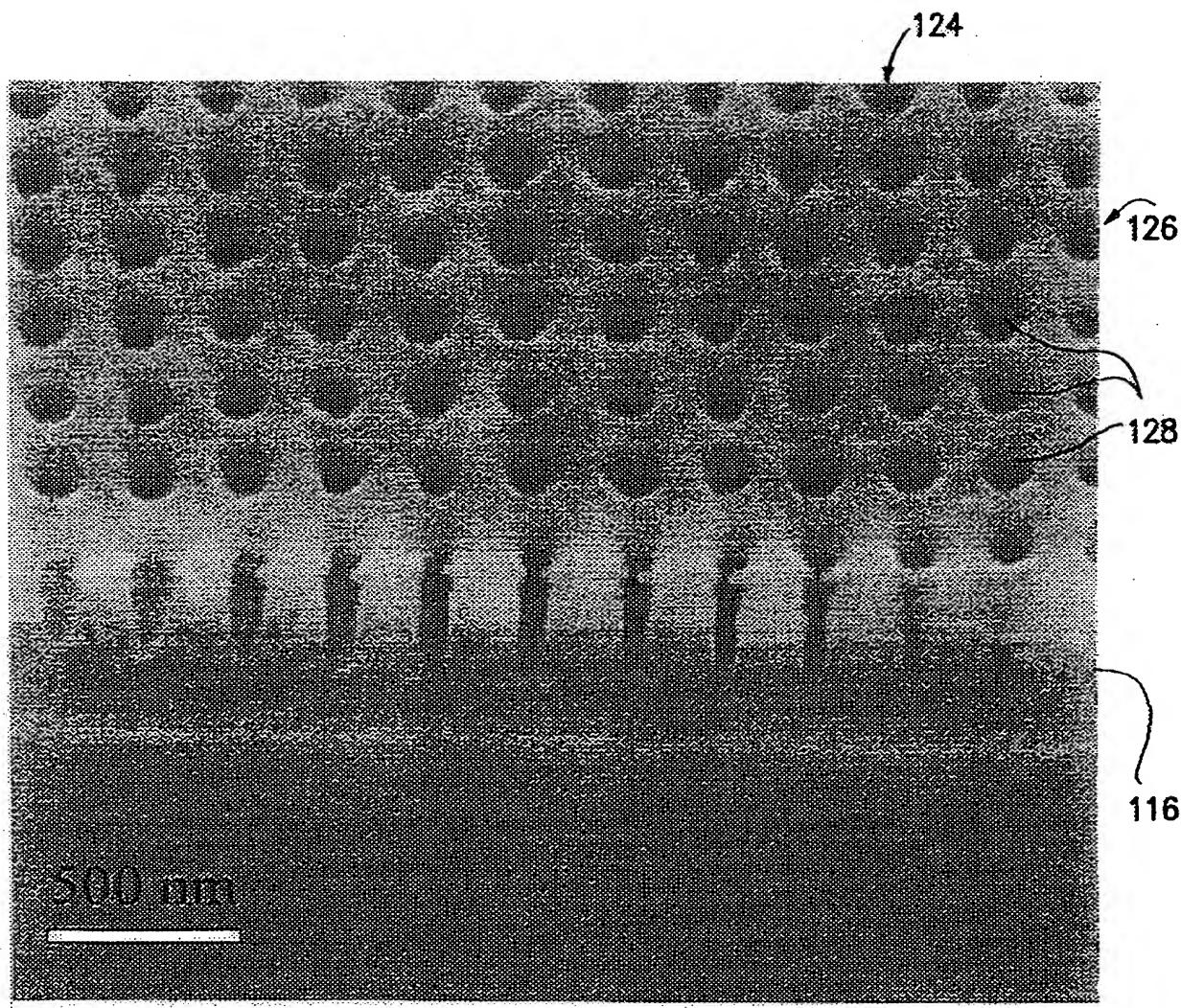


FIG. 11

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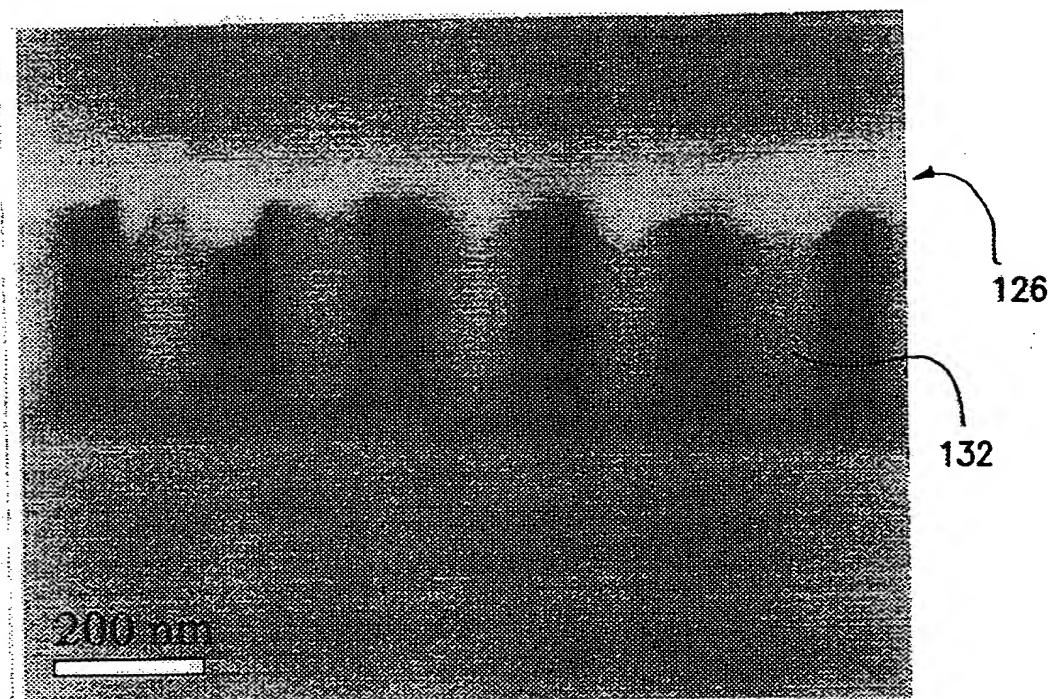


FIG. 12A

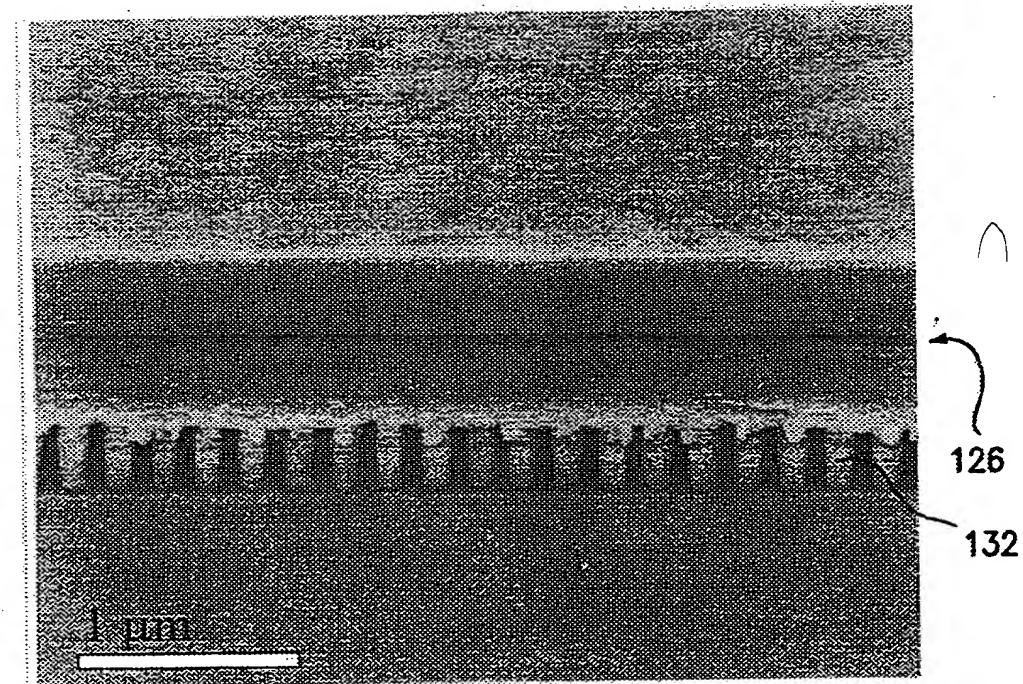


FIG. 12B

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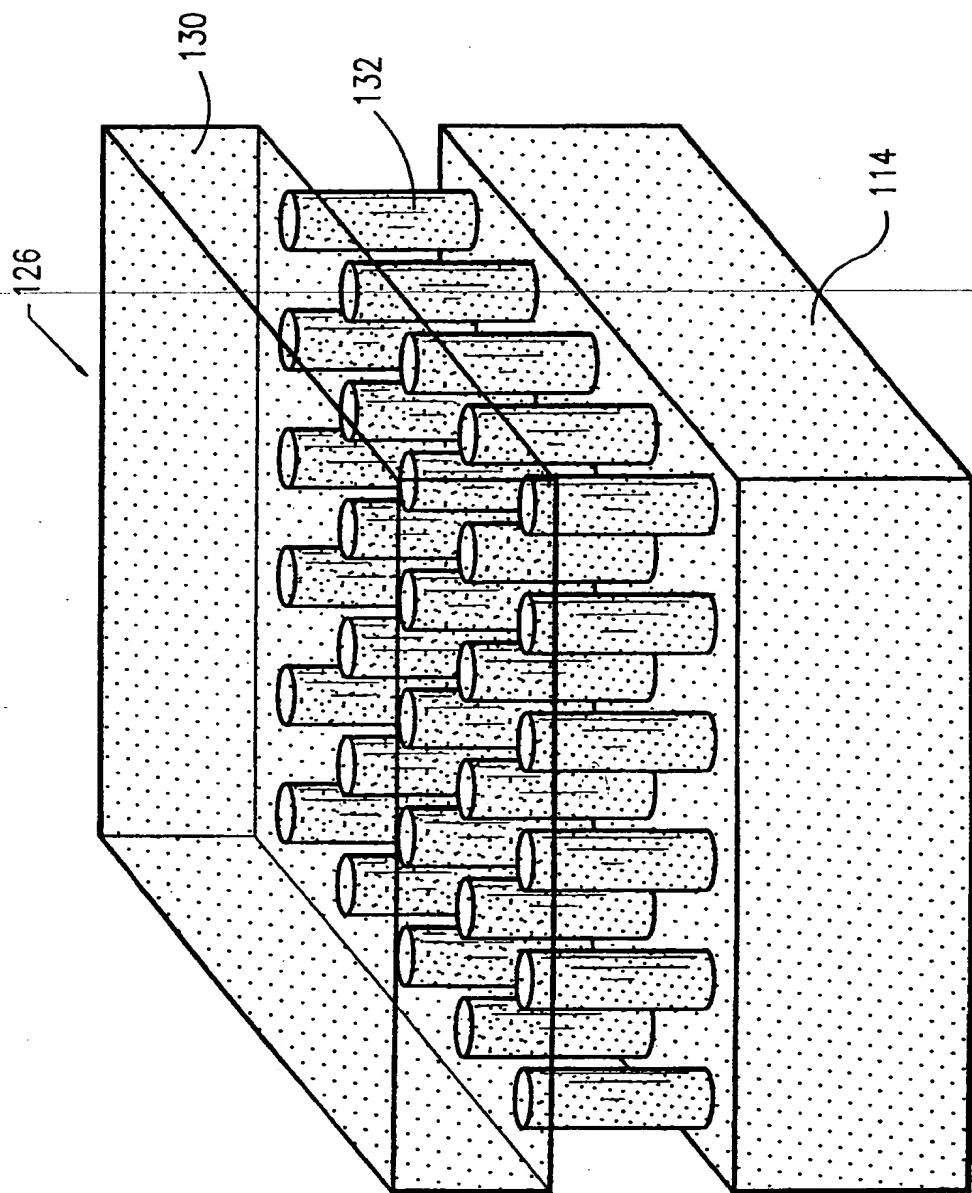


FIG. 12C

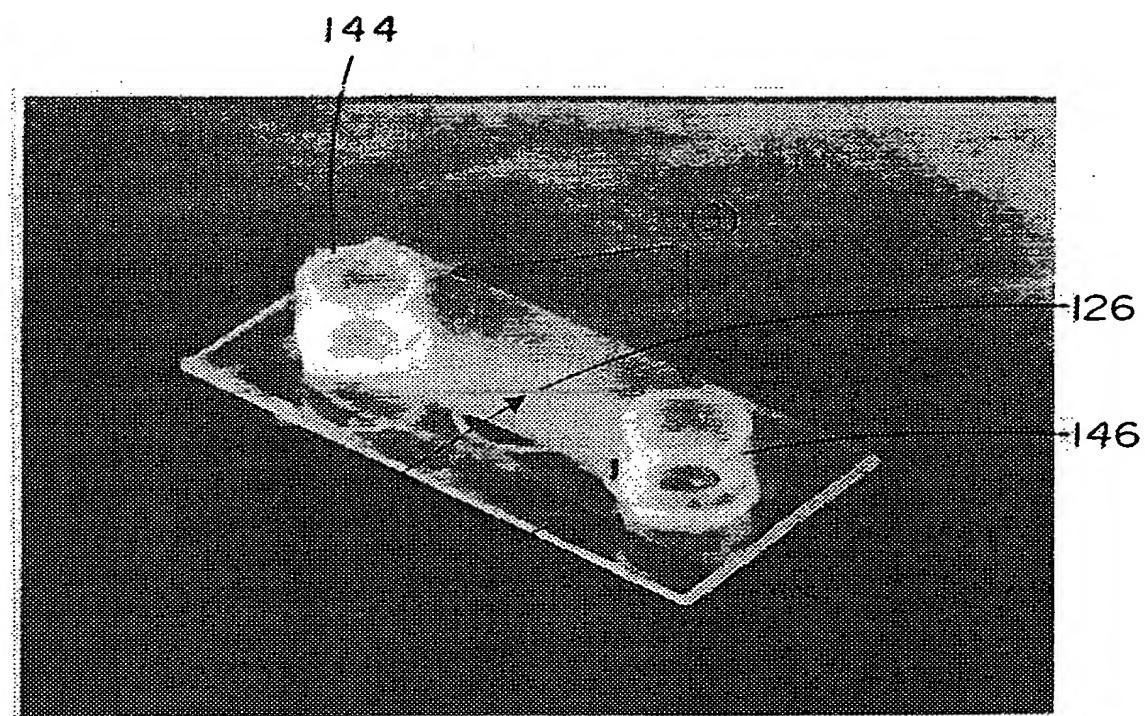


FIG. 13

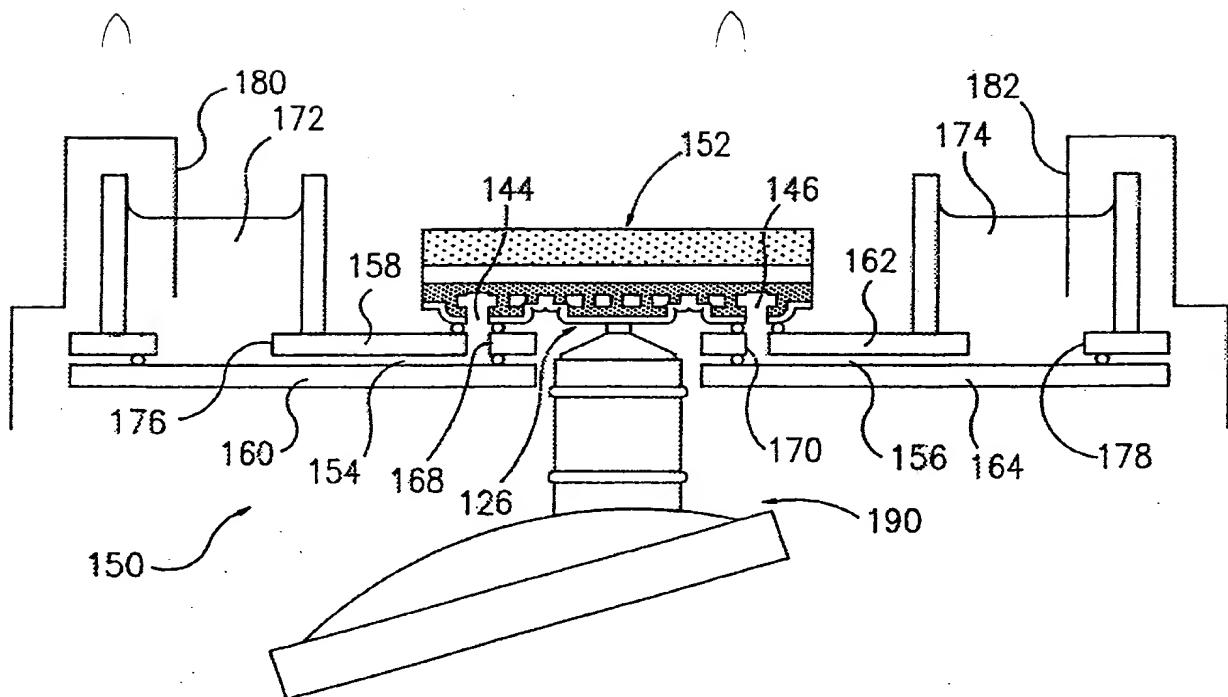


FIG. 14

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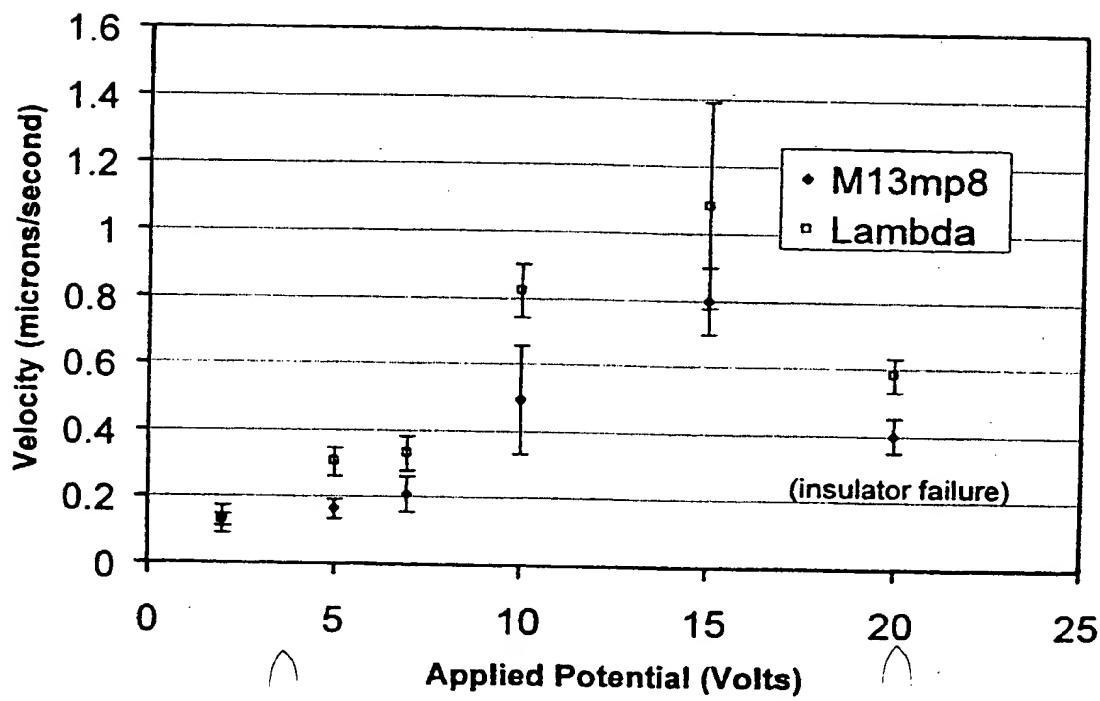
DNA Velocity v.s. Applied Potential

FIG. 15

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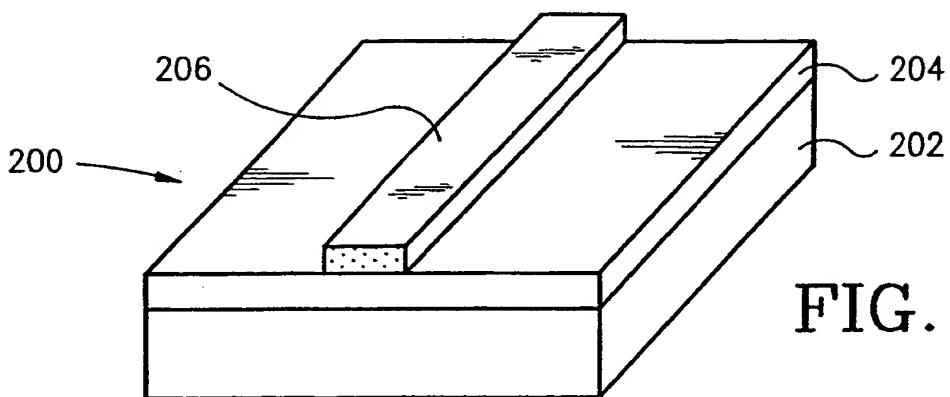


FIG. 16

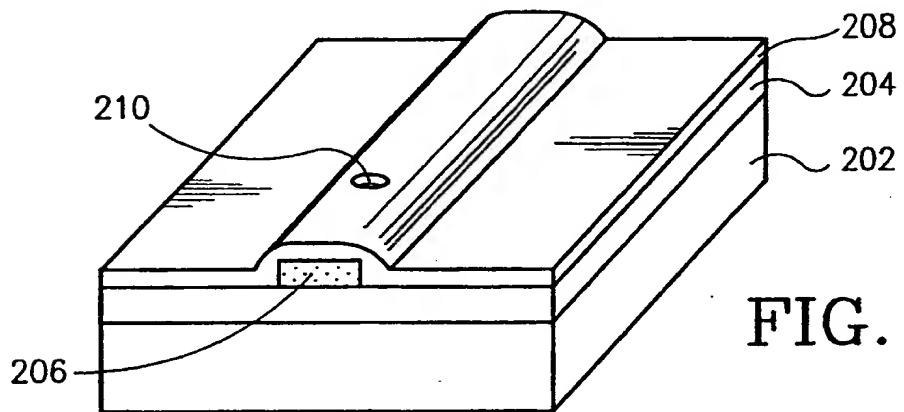


FIG. 17

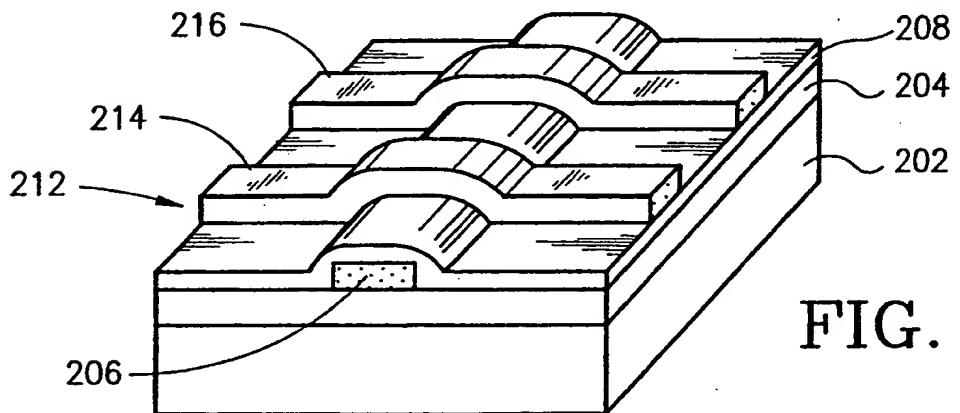


FIG. 18

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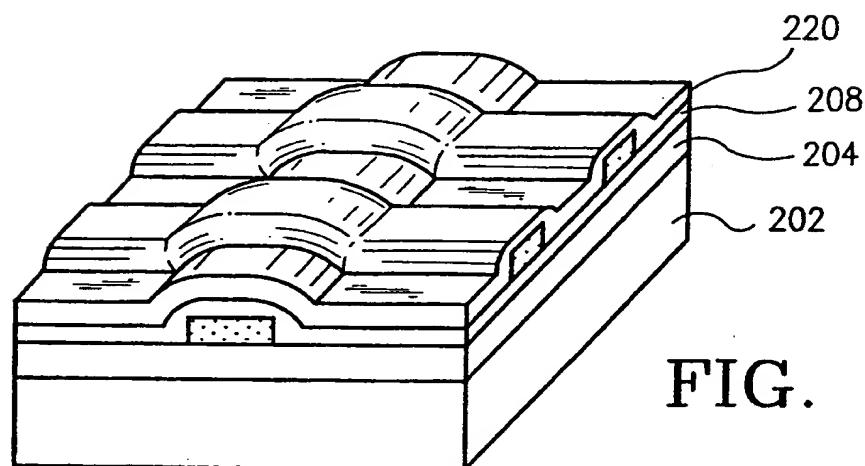


FIG. 19

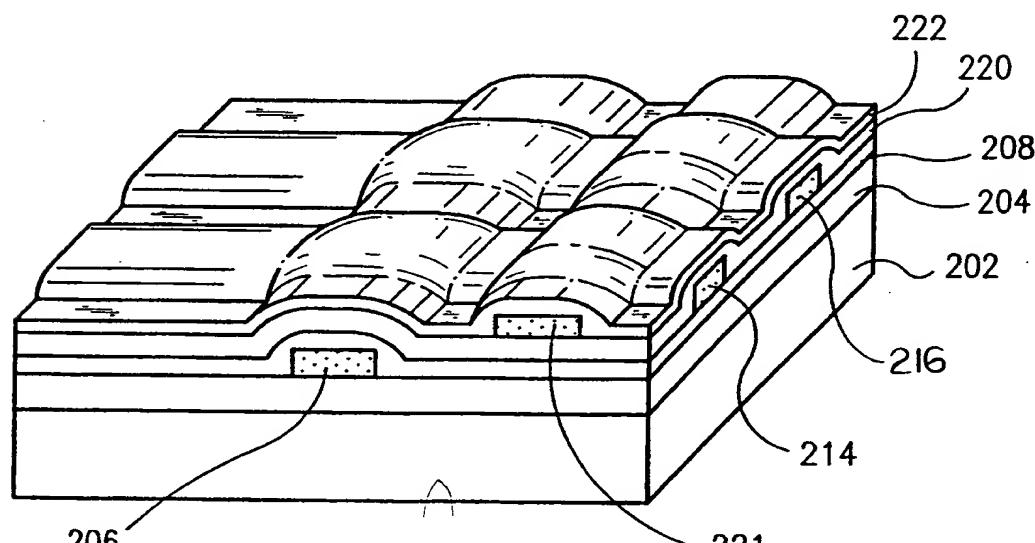


FIG. 19A

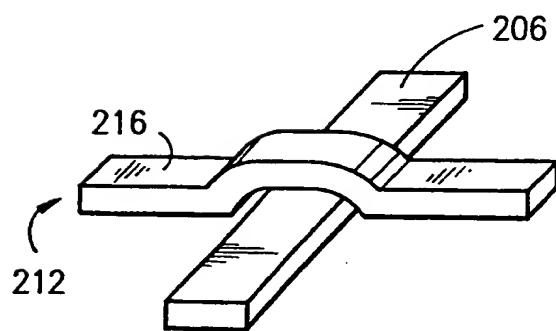


FIG. 20

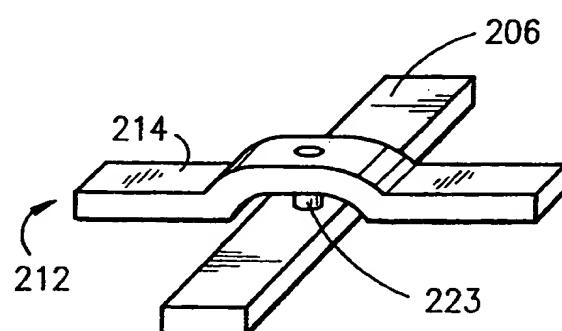


FIG. 21

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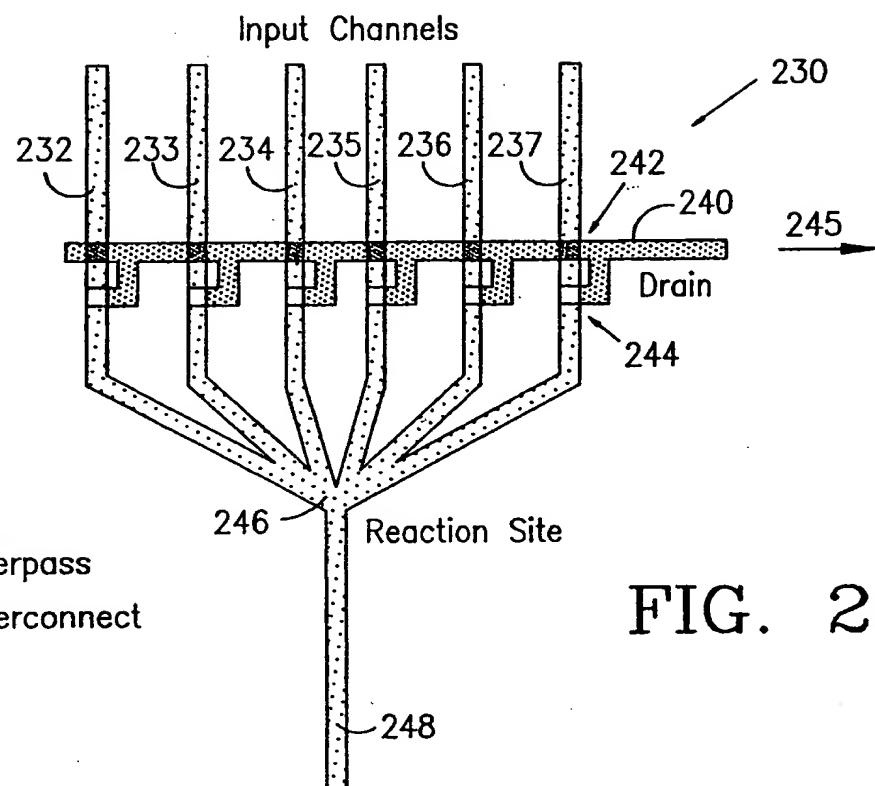


FIG. 22

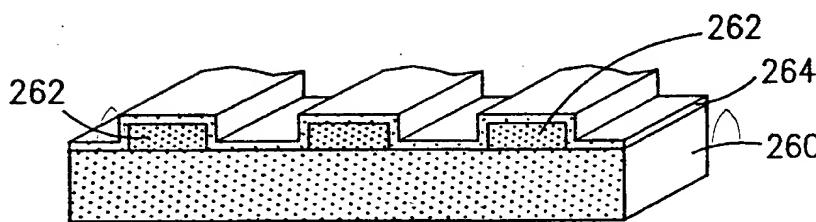


FIG. 23

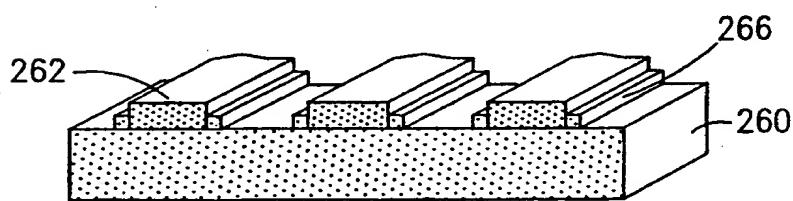


FIG. 24

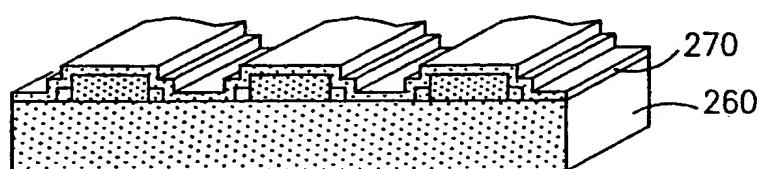


FIG. 25

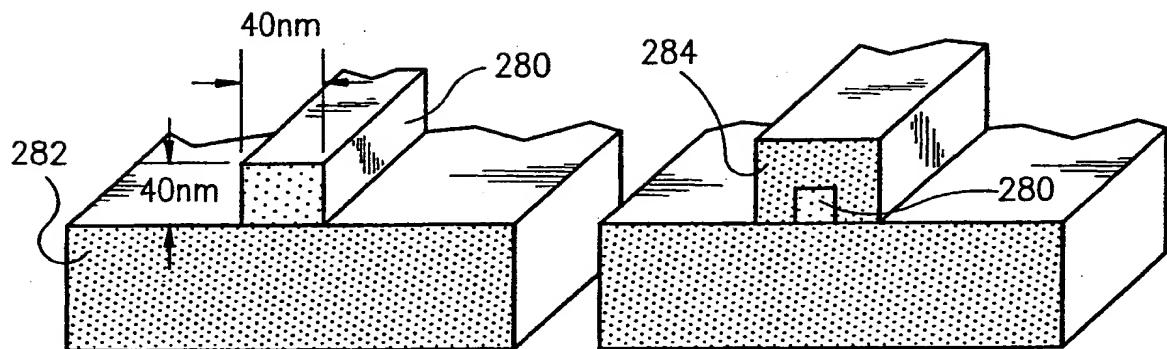


FIG. 26

FIG. 27

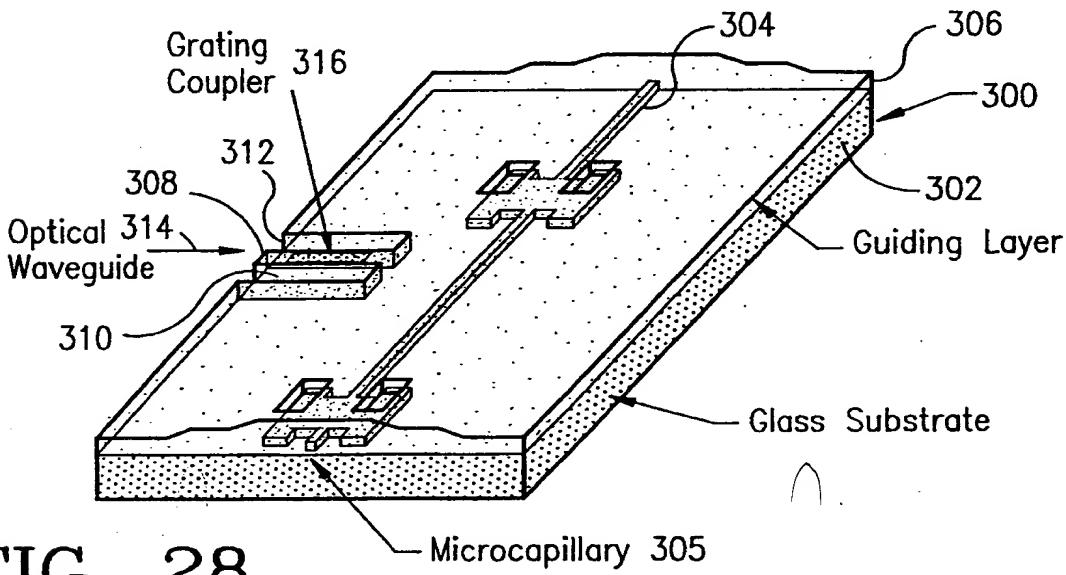


FIG. 28

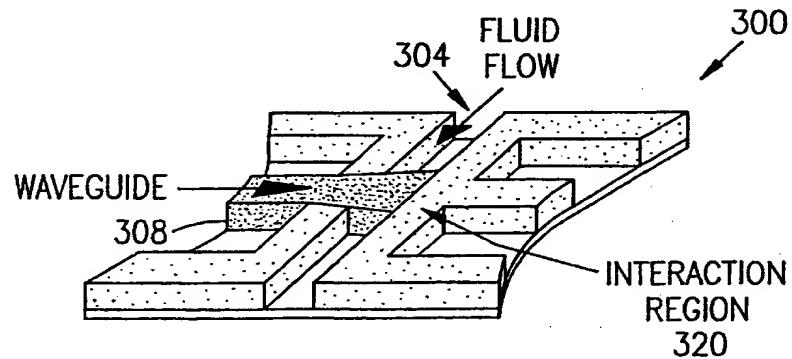


FIG. 29

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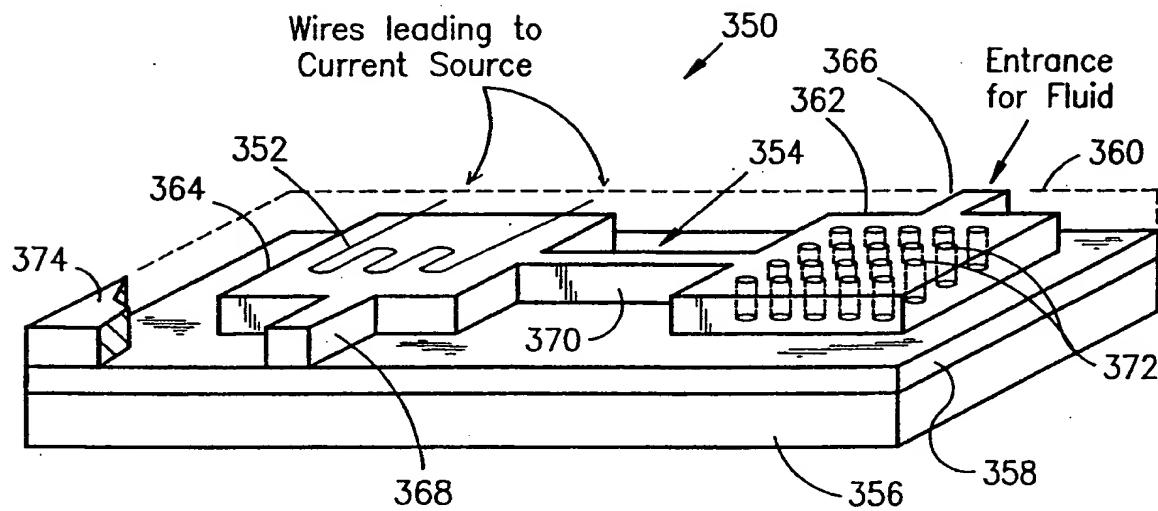


FIG. 30

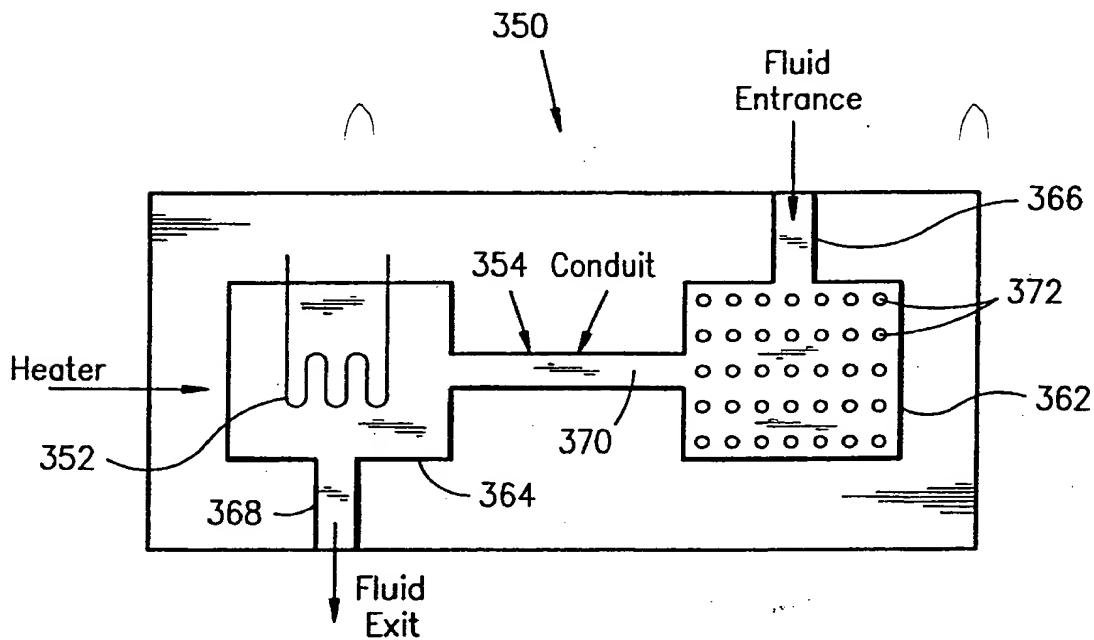


FIG. 31